

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051024\  
 Data File : BN031495.D  
 Acq On : 11 May 2024 12:26  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024  
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 13 01:27:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 02:12:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.711  | 152  | 11054    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.485 | 136  | 35231    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.338 | 164  | 19739    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.078 | 188  | 43992    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.265 | 240  | 34587    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.502 | 264  | 29616    | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.292  | 112  | 7942     | 0.253 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.866  | 99   | 11846    | 0.280 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.852  | 82   | 9873     | 0.390 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.081 | 152  | 19024    | 0.335 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.825 | 330  | 1356     | 0.181 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.959 | 172  | 29261    | 0.384 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.114 | 212  | 38586    | 0.316 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.718 | 244  | 27818    | 0.329 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.240  | 88   | 4996     | 0.367 | ng    | # 86     |
| 3) n-Nitrosodimethylamine     | 3.551  | 42   | 5246     | 0.391 | ng    | # 85     |
| 6) bis(2-Chloroethyl)ether    | 7.140  | 93   | 13164    | 0.357 | ng    | 95       |
| 9) Naphthalene                | 10.538 | 128  | 35336    | 0.361 | ng    | 96       |
| 10) Hexachlorobutadiene       | 10.827 | 225  | 6305     | 0.367 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.153 | 142  | 22918    | 0.343 | ng    | 99       |
| 16) Acenaphthylene            | 14.060 | 152  | 32441    | 0.327 | ng    | 100      |
| 17) Acenaphthene              | 14.402 | 154  | 21821    | 0.352 | ng    | 95       |
| 18) Fluorene                  | 15.386 | 166  | 28272    | 0.349 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198  | 749      | 0.208 | ng    | # 61     |
| 21) 4-Bromophenyl-phenylether | 16.284 | 248  | 9064     | 0.352 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.383 | 284  | 10409    | 0.401 | ng    | 97       |
| 23) Atrazine                  | 16.557 | 200  | 5318     | 0.227 | ng    | 96       |
| 24) Pentachlorophenol         | 16.731 | 266  | 1348     | 0.147 | ng    | 99       |
| 25) Phenanthrene              | 17.115 | 178  | 45475    | 0.369 | ng    | 100      |
| 26) Anthracene                | 17.215 | 178  | 38772    | 0.318 | ng    | 100      |
| 28) Fluoranthene              | 19.142 | 202  | 51222    | 0.342 | ng    | 99       |
| 30) Pyrene                    | 19.504 | 202  | 50657    | 0.362 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.247 | 228  | 40473    | 0.303 | ng    | 100      |
| 33) Chrysene                  | 21.301 | 228  | 45527    | 0.358 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.202 | 149  | 13830    | 0.177 | ng    | 96       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.767 | 276  | 32679    | 0.277 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.832 | 252  | 37375    | 0.352 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.876 | 252  | 43231m   | 0.430 | ng    |          |
| 39) Benzo(a)pyrene            | 23.405 | 252  | 29172    | 0.316 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.791 | 278  | 26531    | 0.284 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.454 | 276  | 27773    | 0.276 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

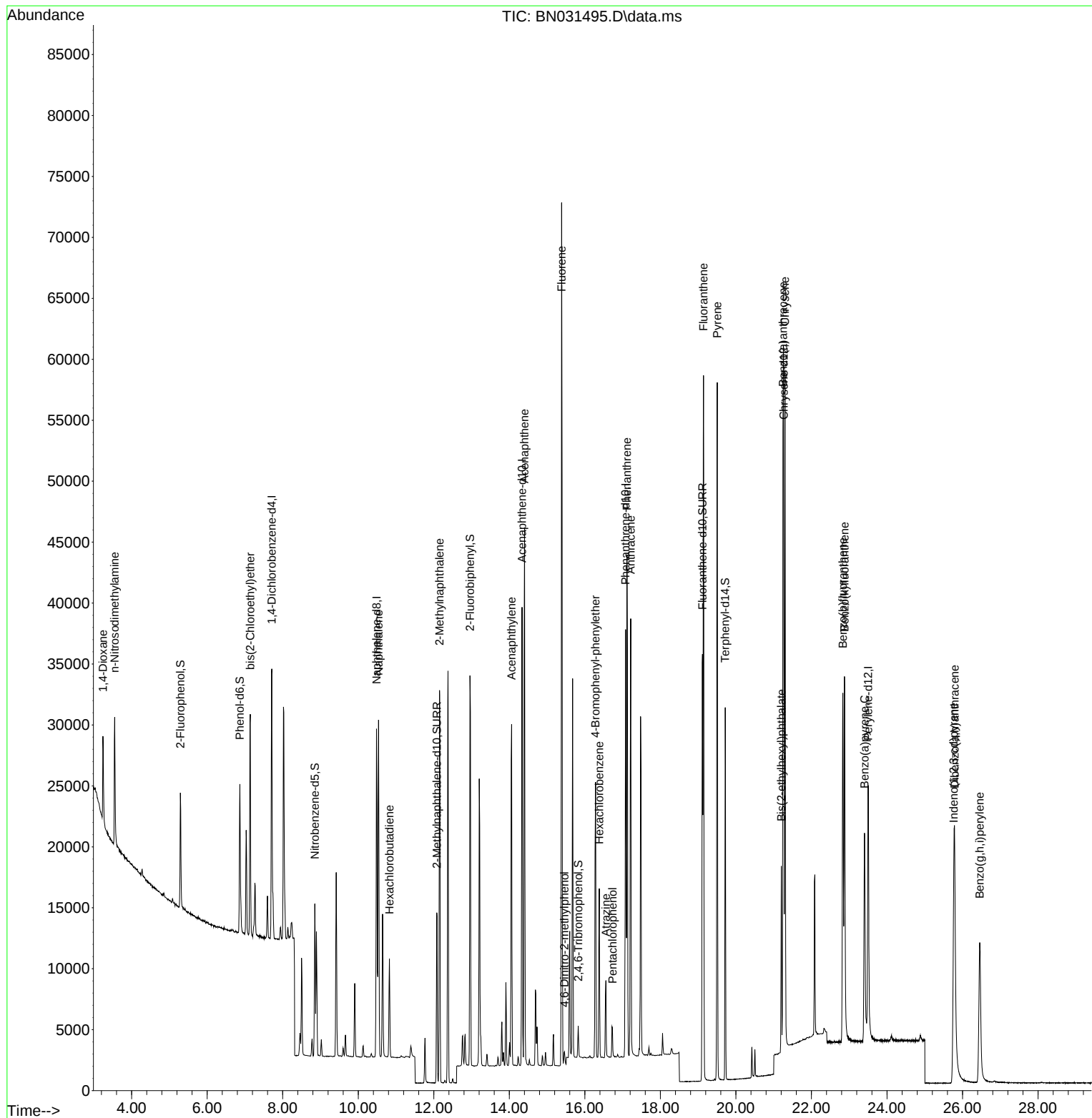
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Data File : BN031495.D  
Acq On : 11 May 2024 12:26  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: May 13 01:27:51 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 10 02:12:24 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024





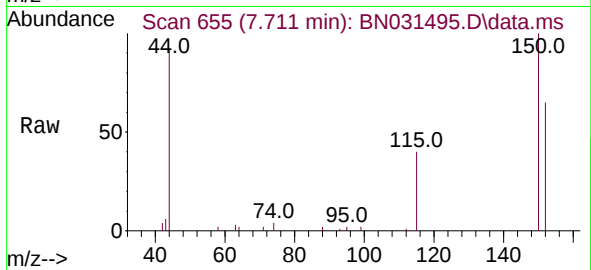
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1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.711 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

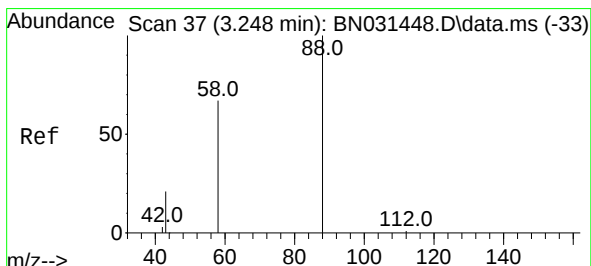
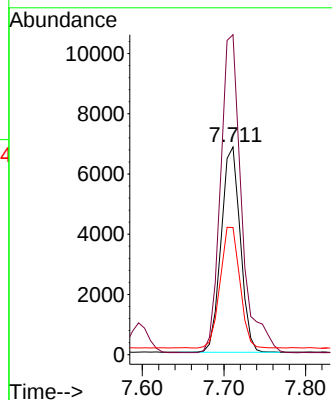
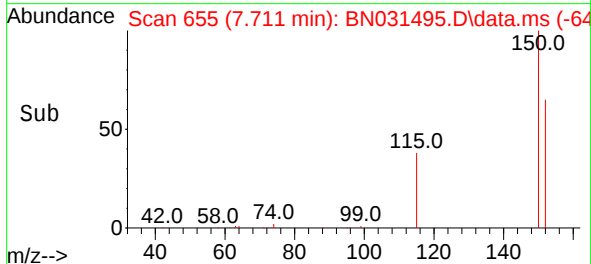


Tgt Ion:152 Resp: 11054  
Ion Ratio Lower Upper  
152 100  
150 154.1 119.3 178.9  
115 61.3 54.8 82.2

Manual Integrations

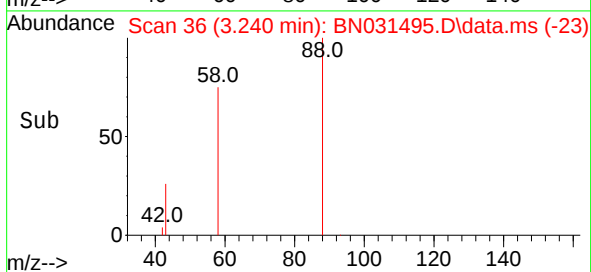
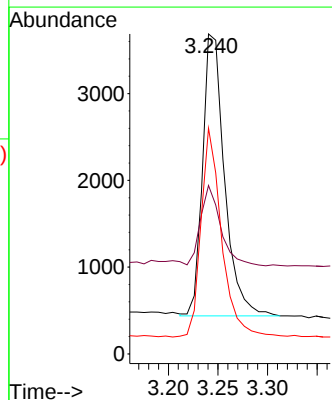
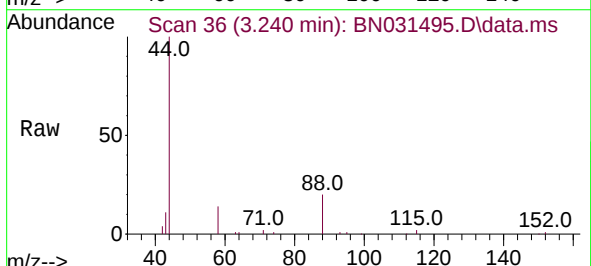
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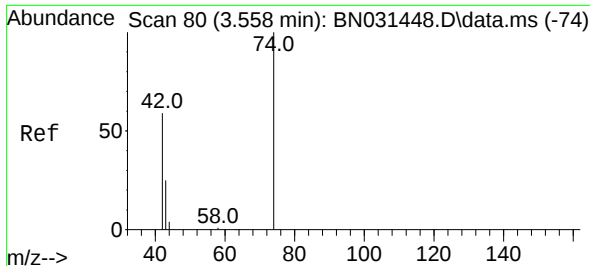
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#2  
1,4-Dioxane  
Concen: 0.367 ng  
RT: 3.240 min Scan# 36  
Delta R.T. -0.007 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion: 88 Resp: 4996  
Ion Ratio Lower Upper  
88 100  
43 26.3 39.0 58.6#  
58 69.5 54.9 82.3





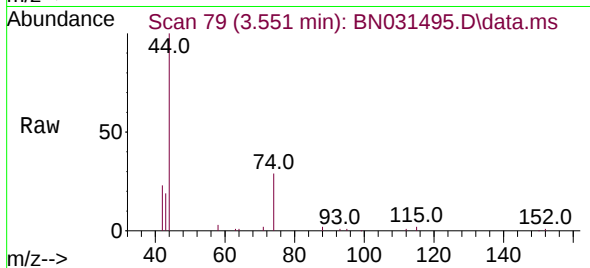
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n-Nitrosodimethylamine  
Concen: 0.391 ng  
RT: 3.551 min Scan# 74  
Delta R.T. -0.007 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



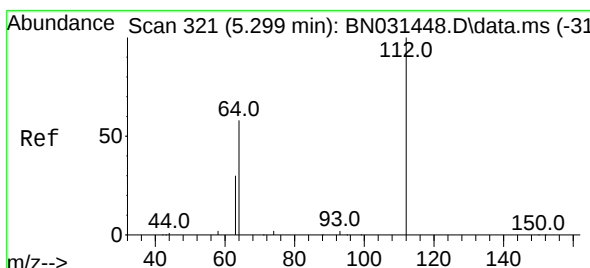
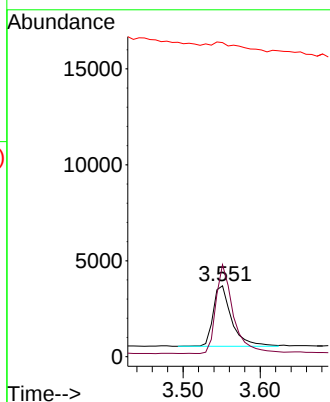
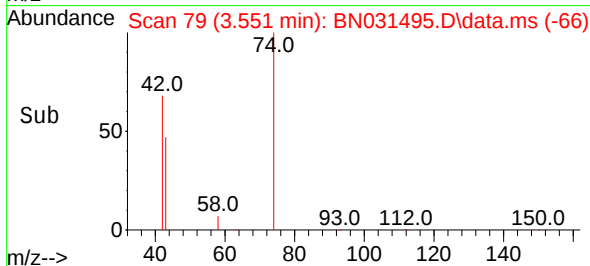
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Ion Ratio Lower Upper  
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74 138.6 126.4 189.6  
44 0.0 6.9 10.3

Manual Integrations

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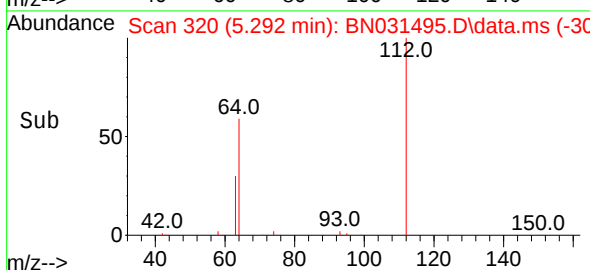
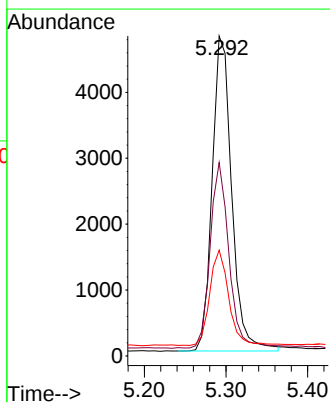
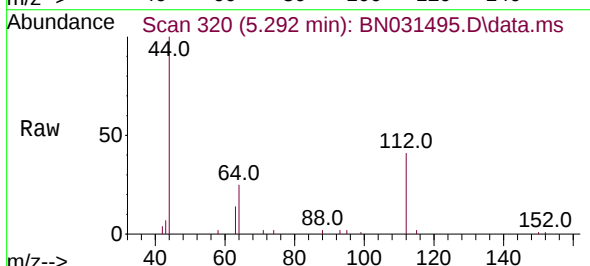
Reviewed By :Yogesh Patel 05/13/2024

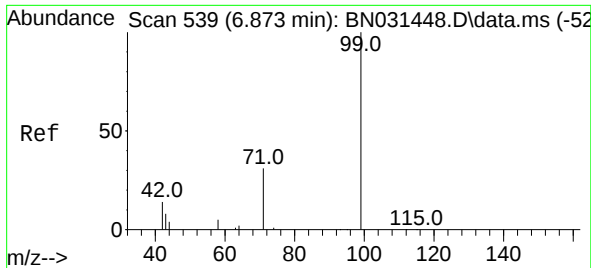
Supervised By :mohammad ahmed 05/13/2024



#4  
2-Fluorophenol  
Concen: 0.253 ng  
RT: 5.292 min Scan# 320  
Delta R.T. -0.007 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion:112 Resp: 7942  
Ion Ratio Lower Upper  
112 100  
64 57.1 44.0 66.0  
63 29.3 22.2 33.4





#5  
Phenol-d6  
Concen: 0.280 ng  
RT: 6.866 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

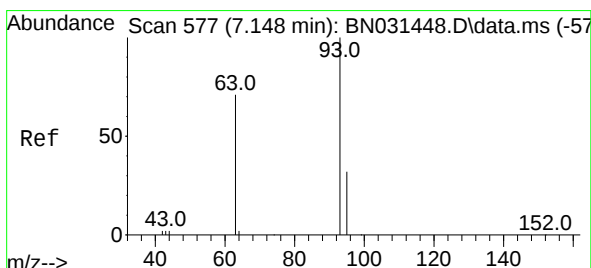
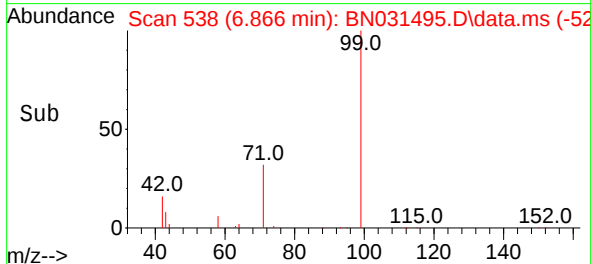
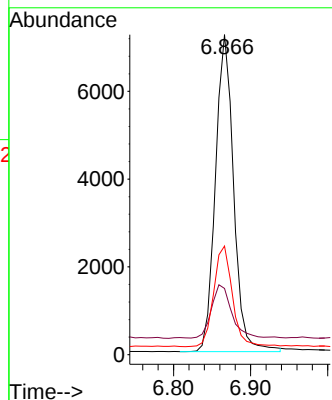
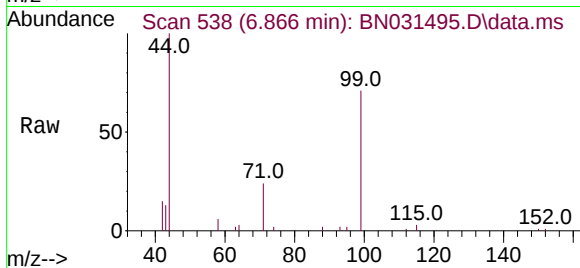
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 11840  
Ion Ratio Lower Upper  
99 100  
42 18.6 13.5 20.3  
71 32.7 26.1 39.1

Manual Integrations

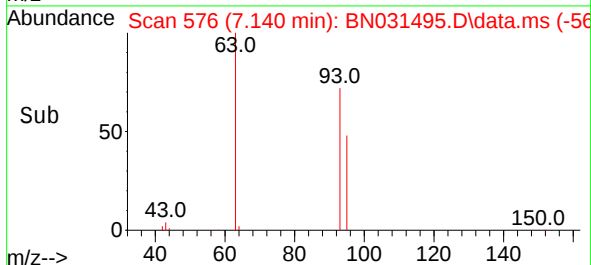
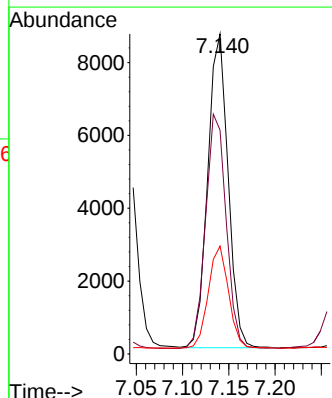
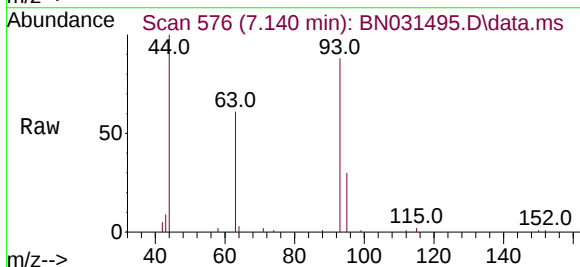
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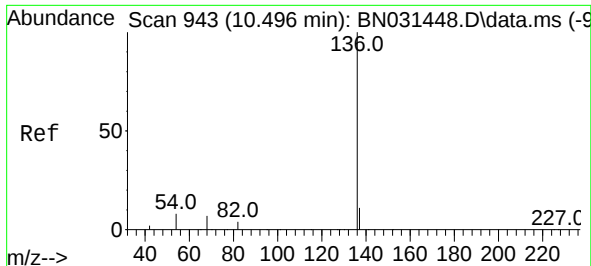
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.357 ng  
RT: 7.140 min Scan# 576  
Delta R.T. -0.007 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion: 93 Resp: 13164  
Ion Ratio Lower Upper  
93 100  
63 75.7 56.6 85.0  
95 32.3 27.3 40.9





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.485 min Scan# 943  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

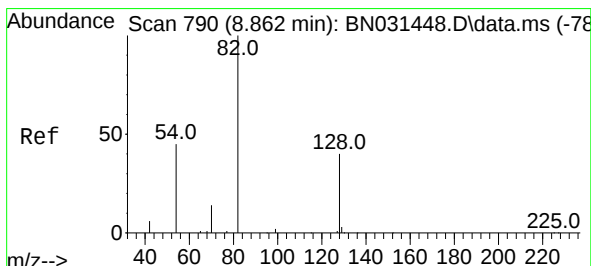
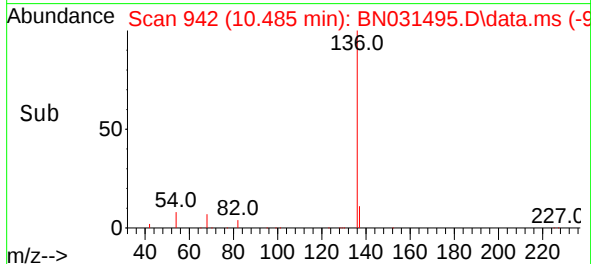
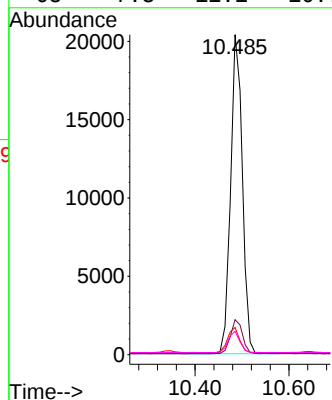
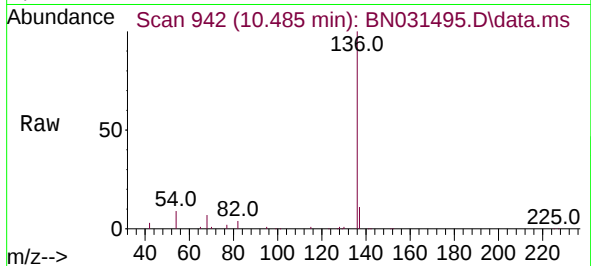
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 3523  
Ion Ratio Lower Upper  
136 100  
137 11.0 10.1 15.1  
54 8.5 10.5 15.7  
68 7.3 11.1 16.7#

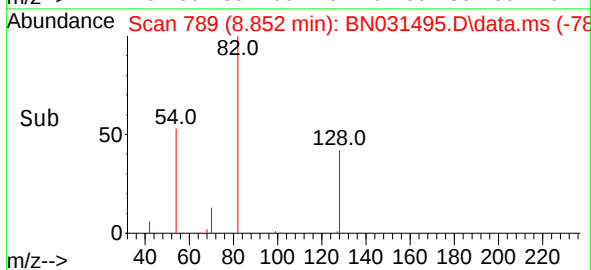
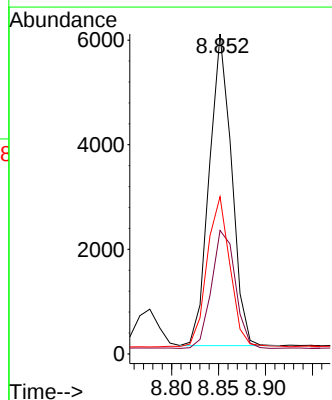
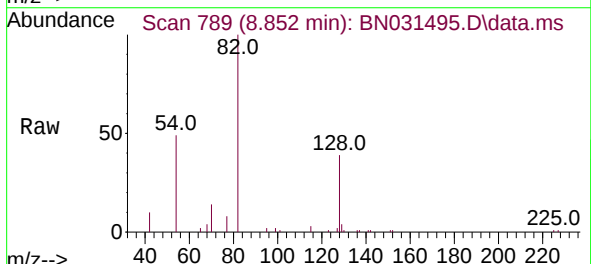
Manual Integrations  
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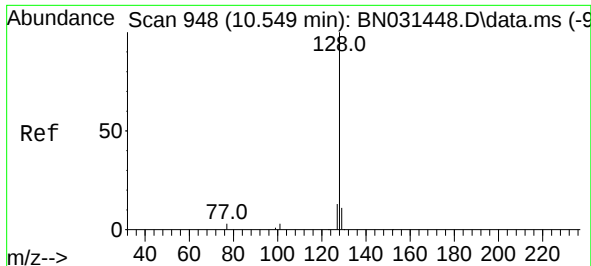
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#8  
Nitrobenzene-d5  
Concen: 0.390 ng  
RT: 8.852 min Scan# 789  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion: 82 Resp: 9873  
Ion Ratio Lower Upper  
82 100  
128 38.6 29.0 43.6  
54 49.2 37.2 55.8





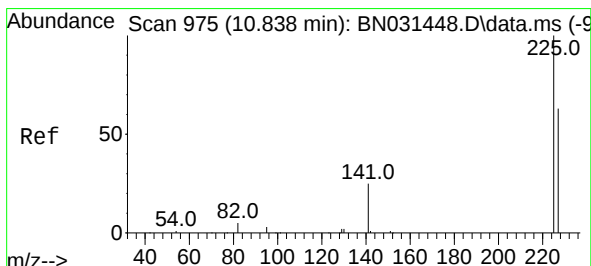
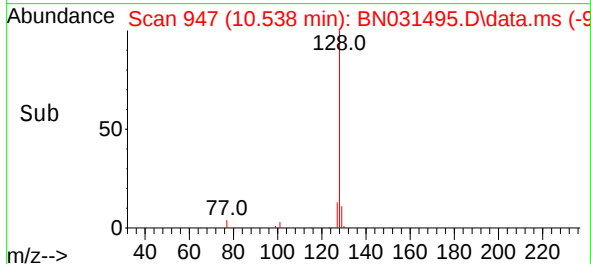
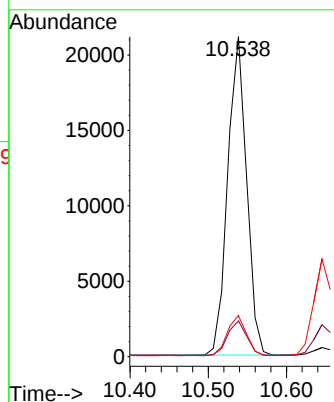
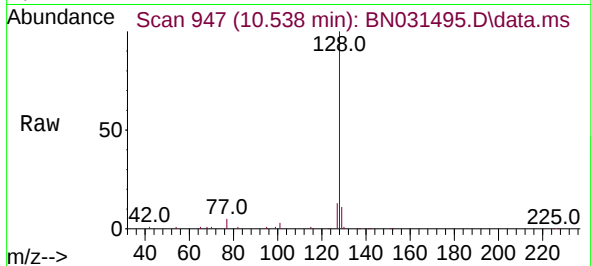
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Naphthalene  
Concen: 0.361 ng  
RT: 10.538 min Scan# 948  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:128 Resp: 35330  
Ion Ratio Lower Upper  
128 100  
129 11.2 10.2 15.4  
127 12.8 11.7 17.5

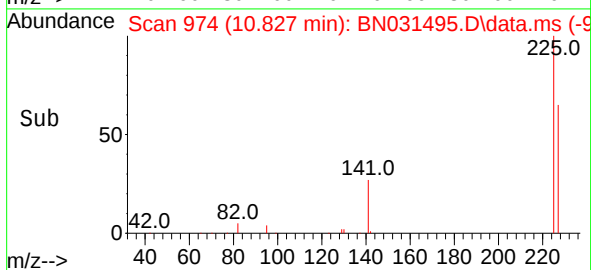
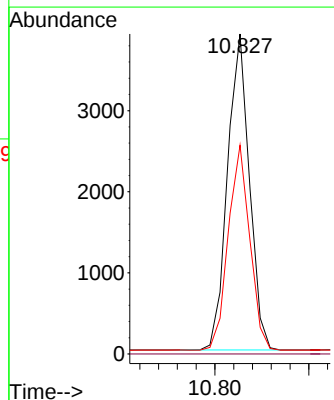
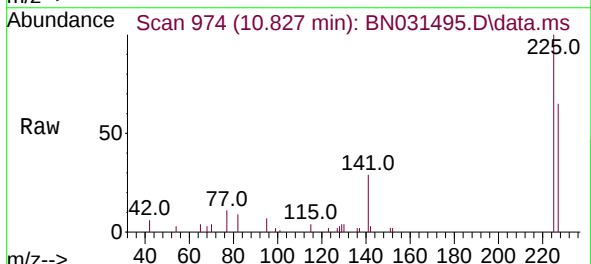
Manual Integrations  
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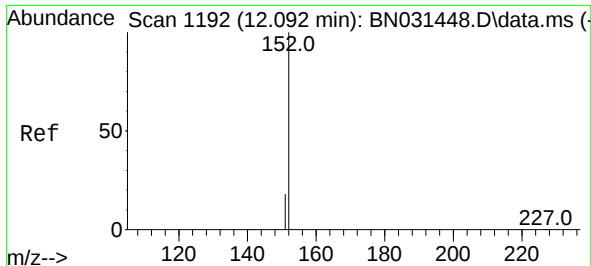
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#10  
Hexachlorobutadiene  
Concen: 0.367 ng  
RT: 10.827 min Scan# 974  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion:225 Resp: 6305  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 50.7 76.1





#11

2-Methylnaphthalene-d10

Concen: 0.335 ng

RT: 12.081 min Scan# 1189

Delta R.T. -0.011 min

Lab File: BN031495.D

Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:152 Resp: 19024

Ion Ratio Lower Upper

152 100

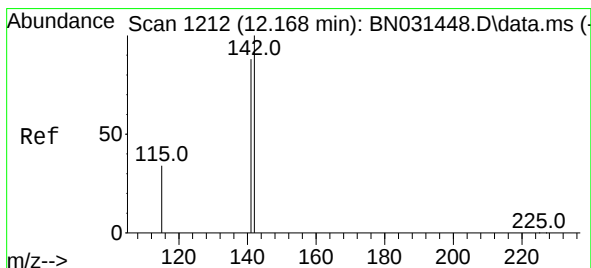
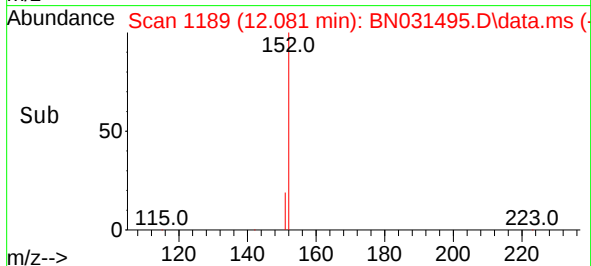
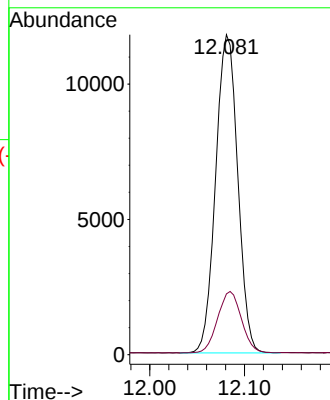
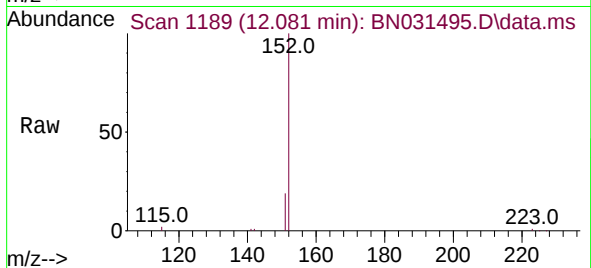
151 20.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#12

2-Methylnaphthalene

Concen: 0.343 ng

RT: 12.153 min Scan# 1208

Delta R.T. -0.015 min

Lab File: BN031495.D

Acq: 11 May 2024 12:26

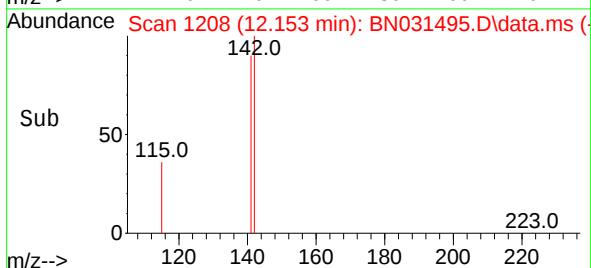
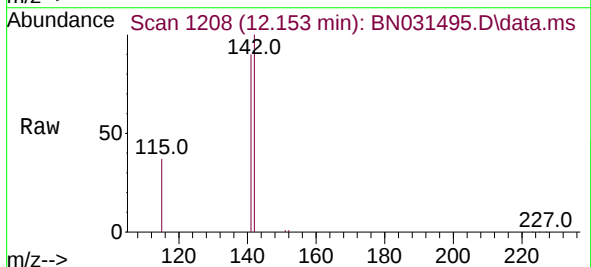
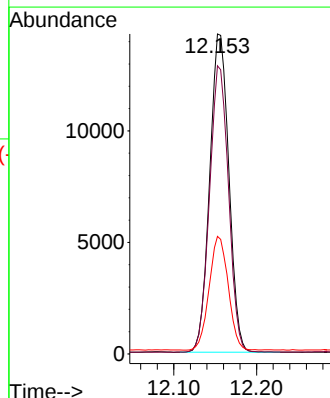
Tgt Ion:142 Resp: 22918

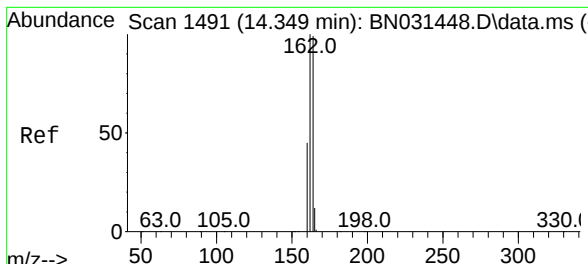
Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

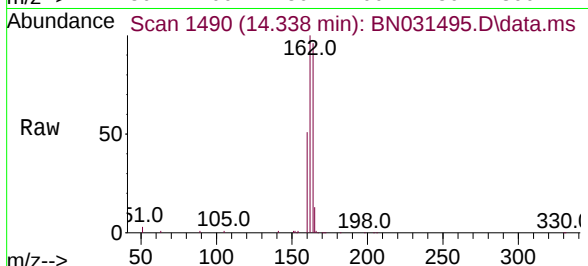
115 36.8 30.2 45.2





#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.338 min Scan# 1490  
 Delta R.T. -0.011 min  
 Lab File: BN031495.D  
 Acq: 11 May 2024 12:26

Instrument : BNA\_N  
 ClientSampleId : SSTDCCC0.4EC

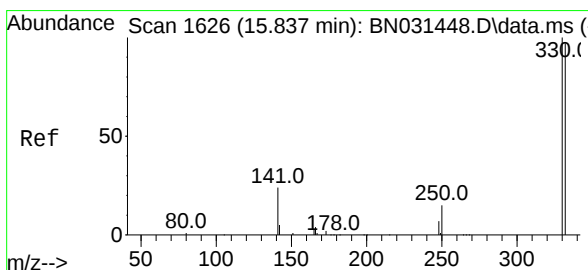
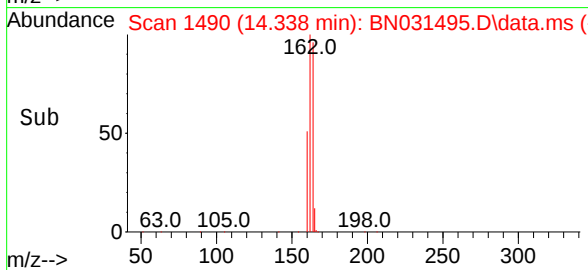
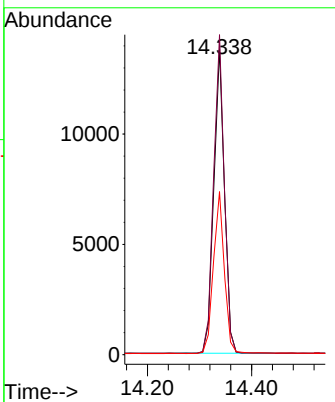


Tgt Ion: 164 Resp: 19739

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.6 | 81.2  | 121.8 |
| 160 | 53.3  | 37.0  | 55.6  |

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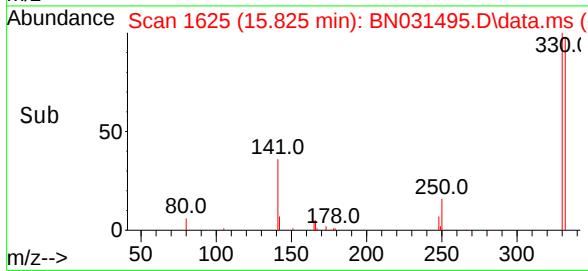
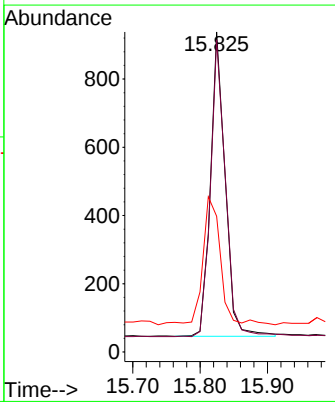
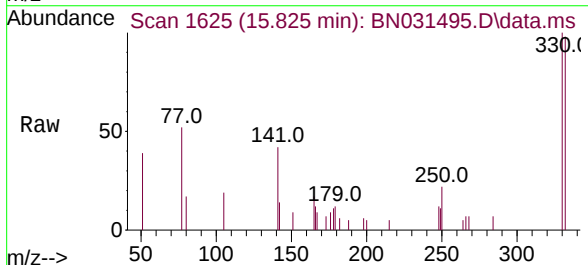
Reviewed By : Yogesh Patel 05/13/2024  
 Supervised By : mohammad ahmed 05/13/2024

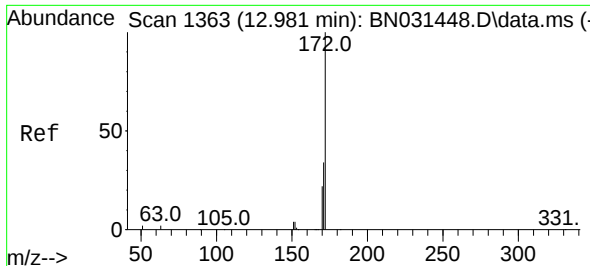


#14  
 2,4,6-Tribromophenol  
 Concen: 0.181 ng  
 RT: 15.825 min Scan# 1625  
 Delta R.T. -0.013 min  
 Lab File: BN031495.D  
 Acq: 11 May 2024 12:26

Tgt Ion: 330 Resp: 1356

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 99.3  | 76.6  | 114.8 |
| 141 | 46.6  | 37.0  | 55.4  |





#15

2-Fluorobiphenyl

Concen: 0.384 ng

RT: 12.959 min Scan# 1464

Delta R.T. -0.022 min

Lab File: BN031495.D

Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:172 Resp: 2926

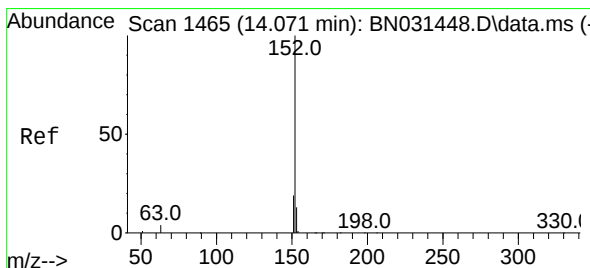
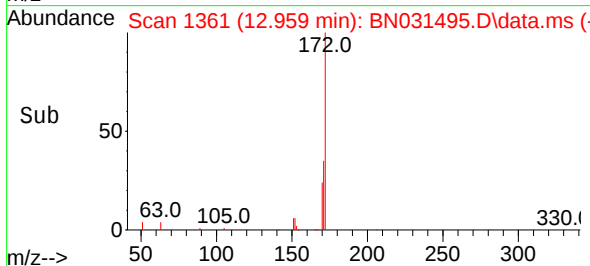
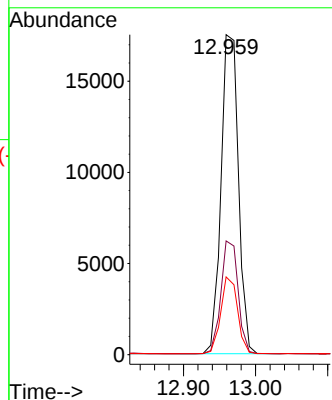
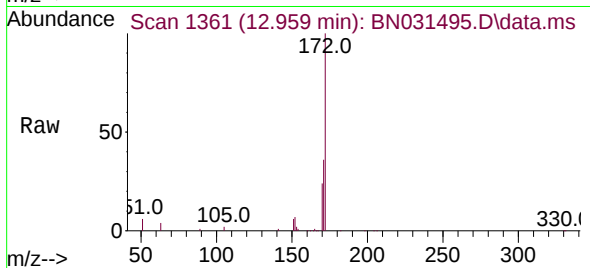
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.5  | 27.8  | 41.8  |
| 170 | 24.3  | 18.3  | 27.5  |

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#16

Acenaphthylene

Concen: 0.327 ng

RT: 14.060 min Scan# 1464

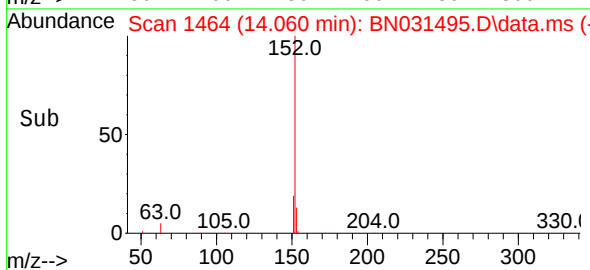
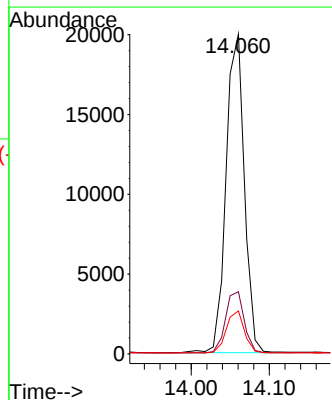
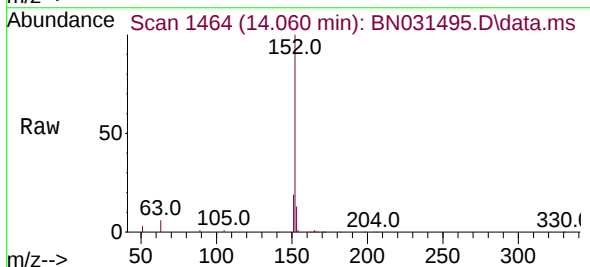
Delta R.T. -0.011 min

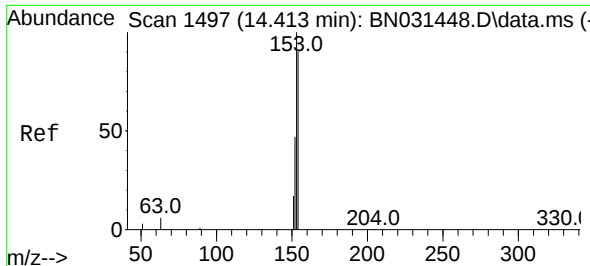
Lab File: BN031495.D

Acq: 11 May 2024 12:26

Tgt Ion:152 Resp: 32441

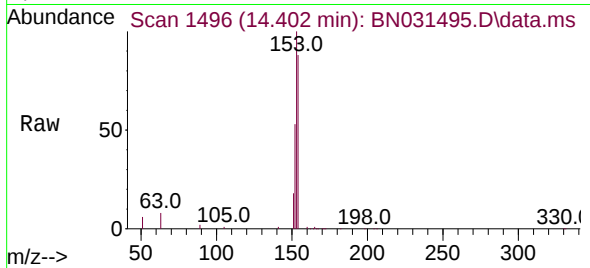
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.6  | 15.7  | 23.5  |
| 153 | 13.0  | 10.5  | 15.7  |





#17  
Acenaphthene  
Concen: 0.352 ng  
RT: 14.402 min Scan# 1496  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

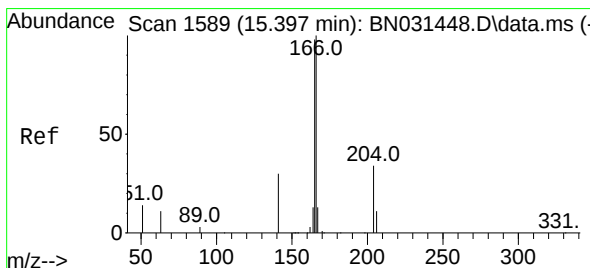
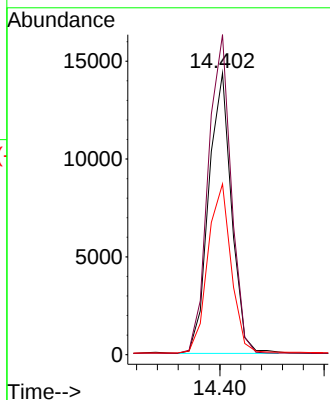
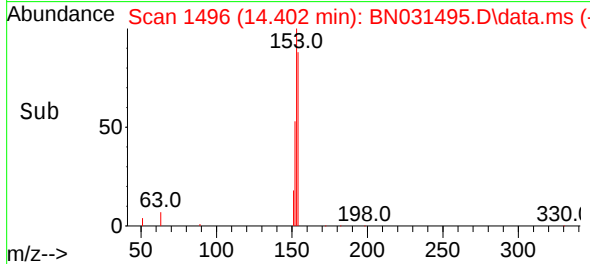
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:154 Resp: 2182  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.1 133.7  
152 61.6 42.6 64.0

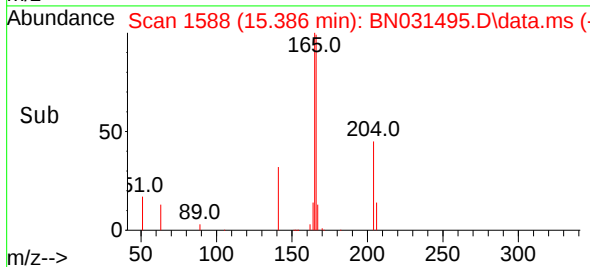
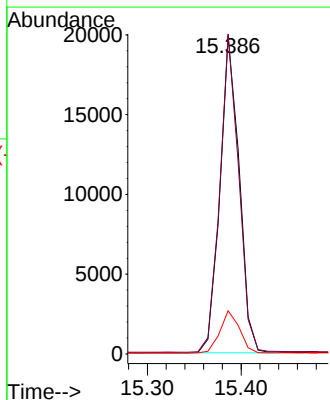
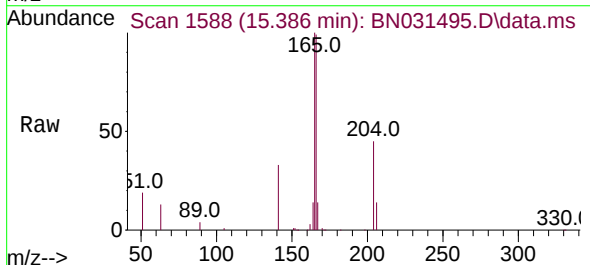
Manual Integrations  
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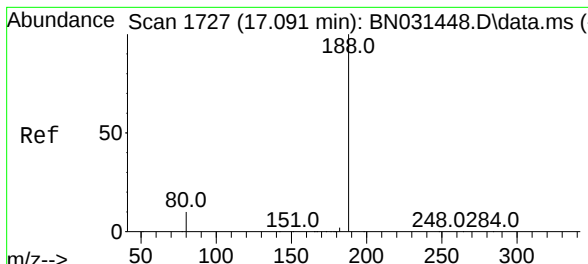
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#18  
Fluorene  
Concen: 0.349 ng  
RT: 15.386 min Scan# 1588  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion:166 Resp: 28272  
Ion Ratio Lower Upper  
166 100  
165 98.7 78.2 117.2  
167 13.5 10.8 16.2



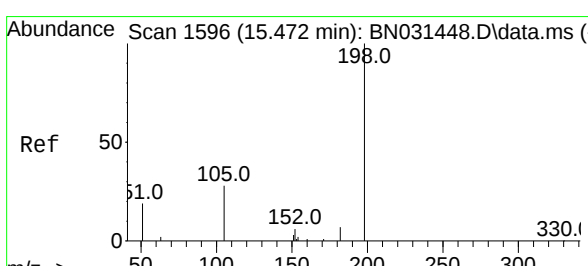
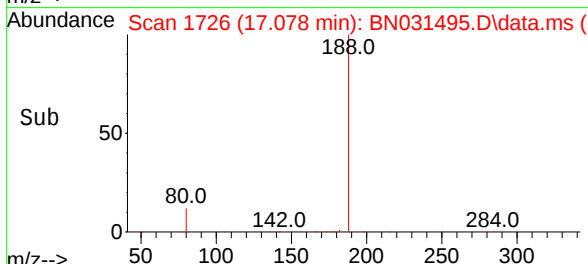
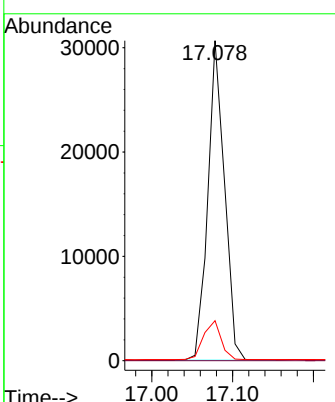
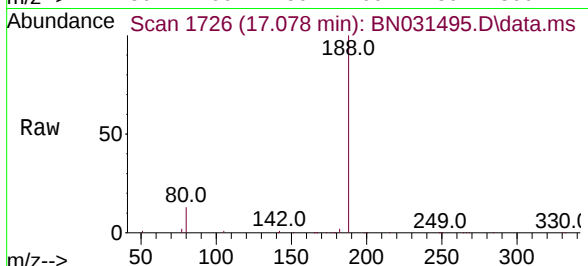


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.078 min Scan# 1726  
Delta R.T. -0.013 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument : BNA\_N  
ClientSampleId : SSTDCCC0.4EC

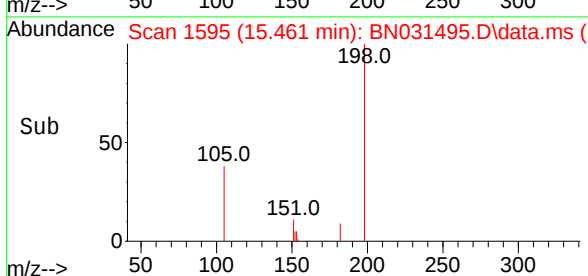
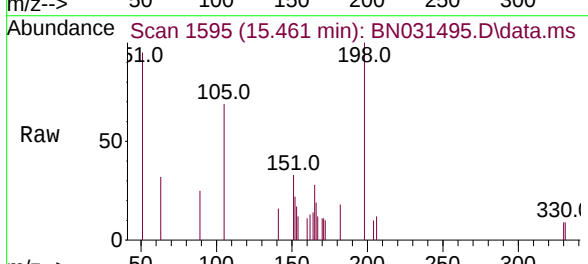
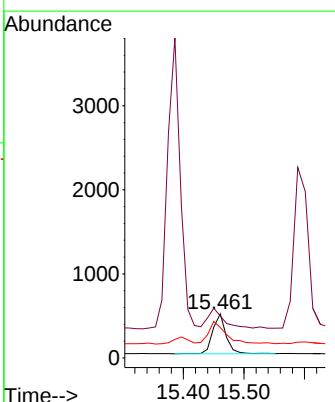
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 4399 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 12.5  | 9.6   | 14.4 |

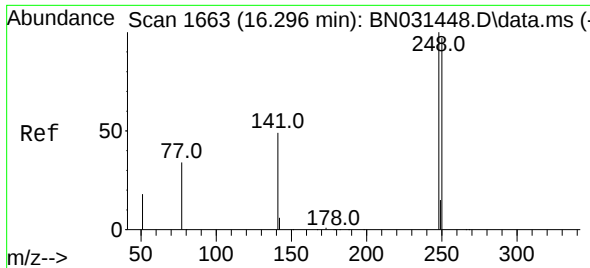
Manual Integrations  
**APPROVED**  
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.208 ng  
RT: 15.461 min Scan# 1595  
Delta R.T. -0.011 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 749    |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 94.7  | 78.3  | 117.5  |
| 105       | 68.8  | 117.2 | 175.8# |





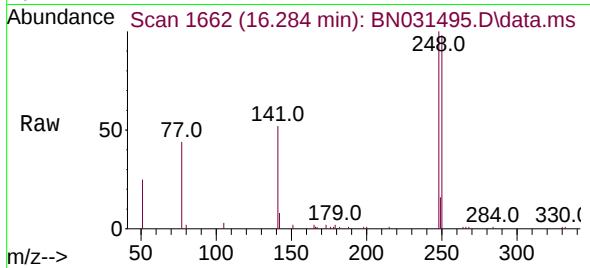
#21  
4-Bromophenyl-phenylether  
Concen: 0.352 ng  
RT: 16.284 min Scan# 1662  
Delta R.T. -0.013 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



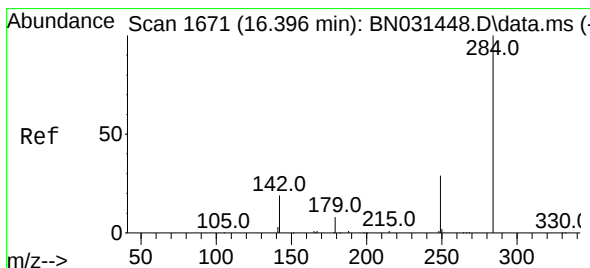
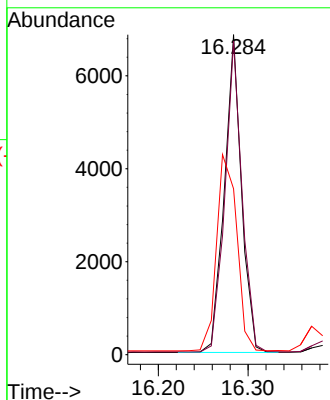
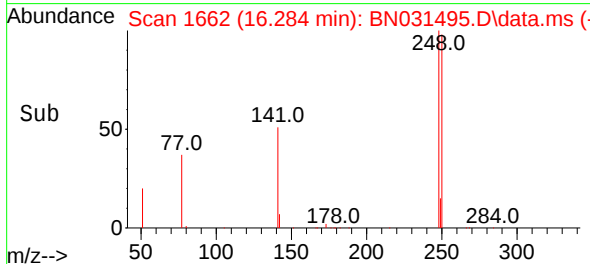
Tgt Ion:248 Resp: 9064  
Ion Ratio Lower Upper  
248 100  
250 97.9 77.9 116.9  
141 51.8 43.4 65.2

Manual Integrations

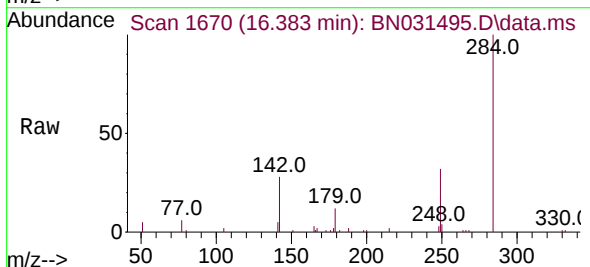
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

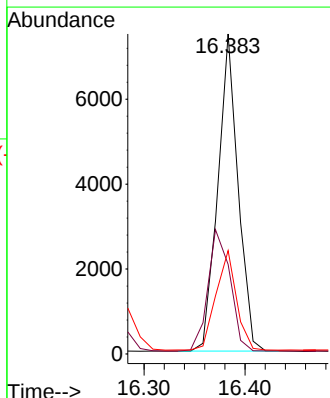
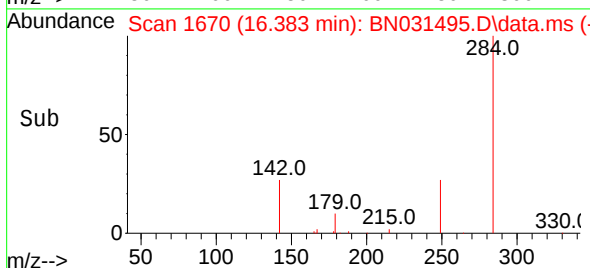
Supervised By :mohammad ahmed 05/13/2024

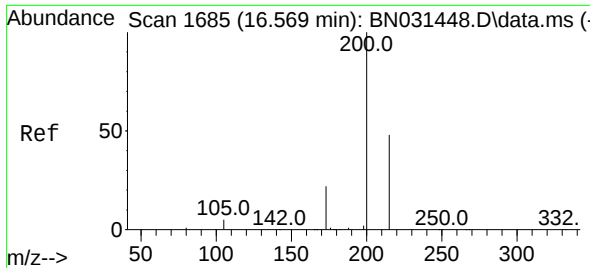


#22  
Hexachlorobenzene  
Concen: 0.401 ng  
RT: 16.383 min Scan# 1670  
Delta R.T. -0.013 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26



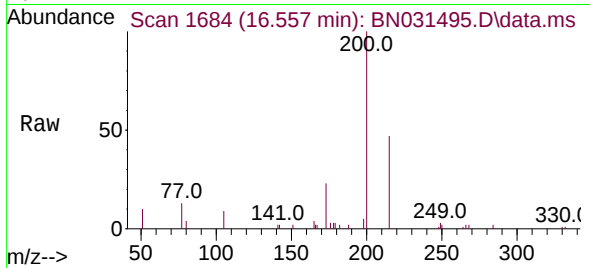
Tgt Ion:284 Resp: 10409  
Ion Ratio Lower Upper  
284 100  
142 41.9 31.0 46.6  
249 31.8 25.5 38.3





#23  
Atrazine  
Concen: 0.227 ng  
RT: 16.557 min Scan# 1684  
Delta R.T. -0.013 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

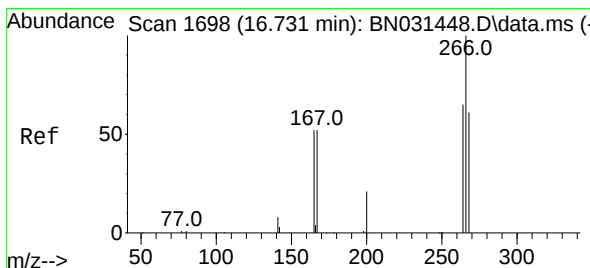
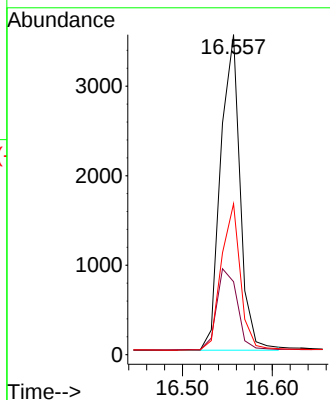
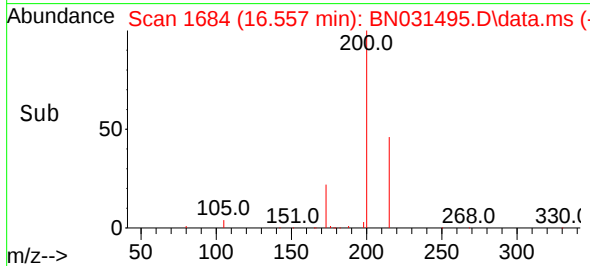
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:200 Resp: 5318  
Ion Ratio Lower Upper  
200 100  
173 22.8 19.6 29.4  
215 47.2 39.8 59.8

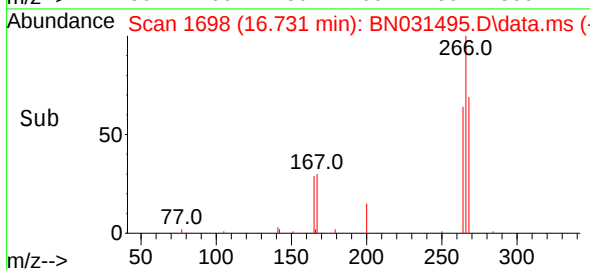
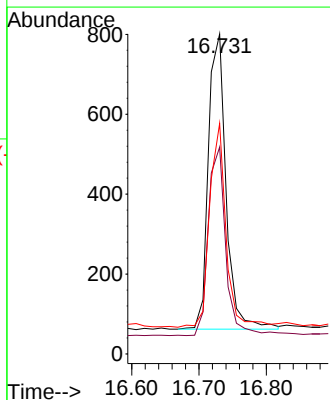
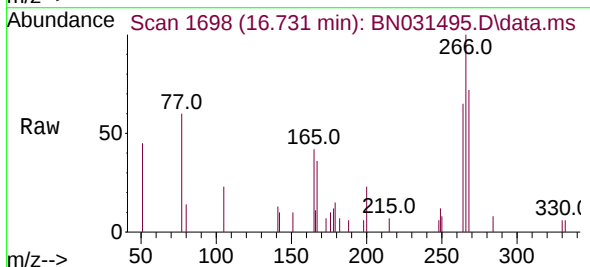
Manual Integrations  
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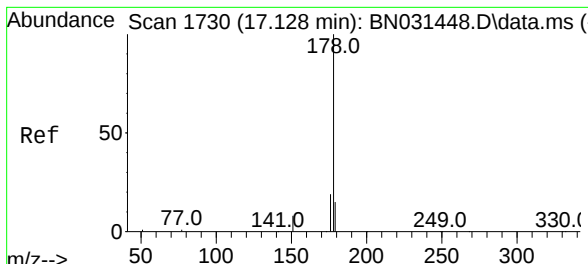
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#24  
Pentachlorophenol  
Concen: 0.147 ng  
RT: 16.731 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion:266 Resp: 1348  
Ion Ratio Lower Upper  
266 100  
264 63.4 50.6 75.8  
268 63.1 49.0 73.4





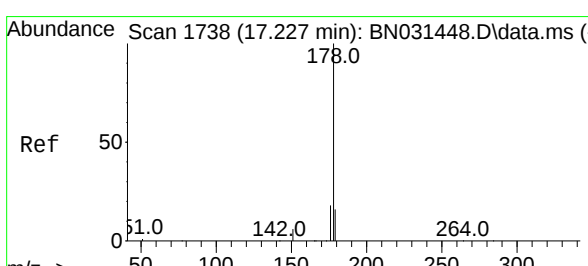
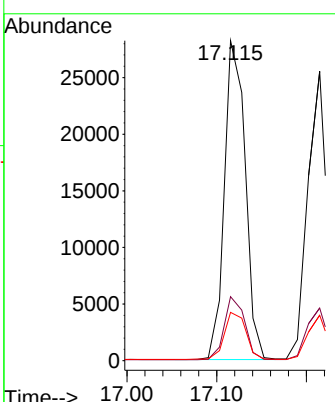
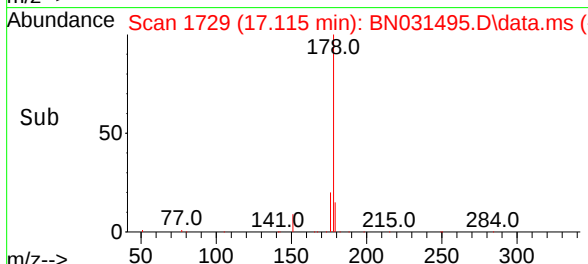
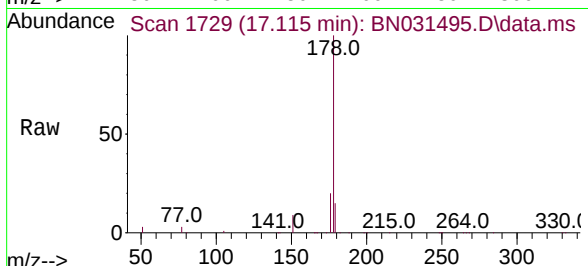
#25  
 Phenanthrene  
 Concen: 0.369 ng  
 RT: 17.115 min Scan# 1730  
 Delta R.T. -0.013 min  
 Lab File: BN031495.D  
 Acq: 11 May 2024 12:26

Instrument : BNA\_N  
 ClientSampleId : SSTDCCC0.4EC

Tgt Ion:178 Resp: 45479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.3  | 15.3  | 22.9  |
| 179 | 15.3  | 12.3  | 18.5  |

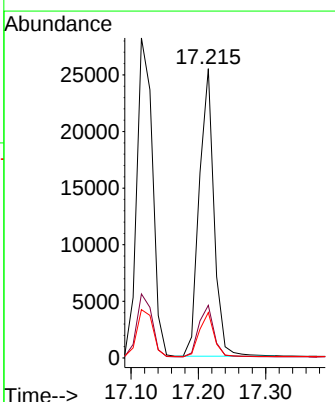
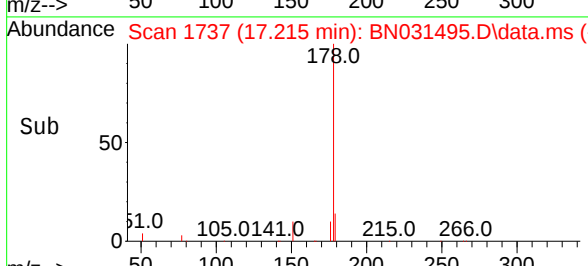
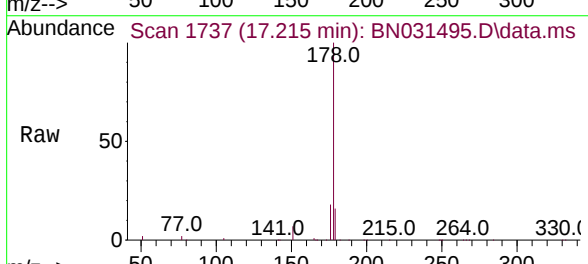
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 05/13/2024  
 Supervised By :mohammad ahmed 05/13/2024

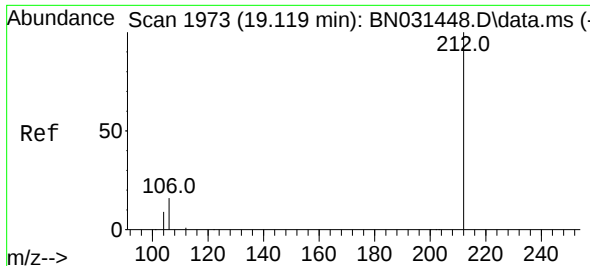


#26  
 Anthracene  
 Concen: 0.318 ng  
 RT: 17.215 min Scan# 1737  
 Delta R.T. -0.013 min  
 Lab File: BN031495.D  
 Acq: 11 May 2024 12:26

Tgt Ion:178 Resp: 38772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.5  | 14.9  | 22.3  |
| 179 | 15.3  | 12.4  | 18.6  |





#27

Fluoranthene-d10

Concen: 0.316 ng

RT: 19.114 min Scan# 1973

Delta R.T. -0.005 min

Lab File: BN031495.D

Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

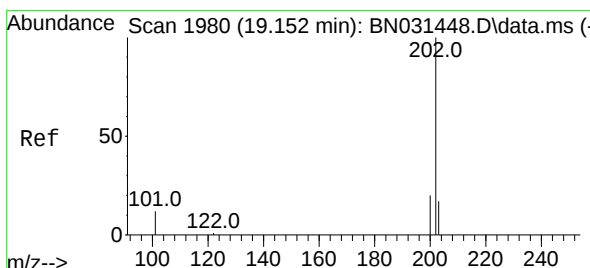
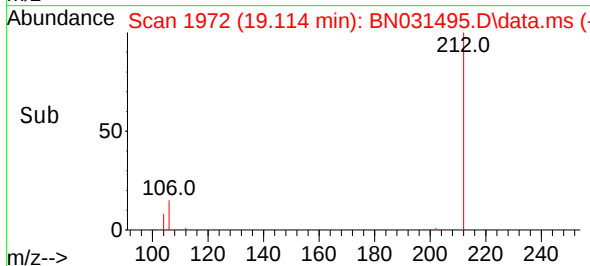
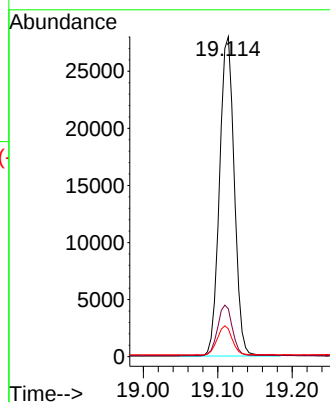
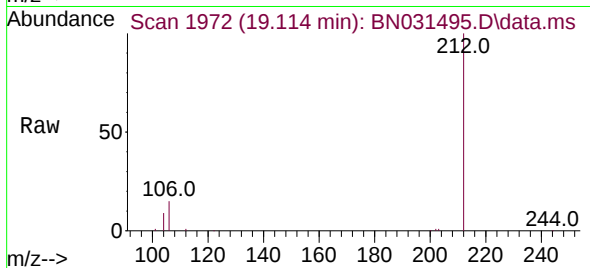
Tgt Ion:212 Resp: 38580  
 Ion Ratio Lower Upper  
 212 100  
 106 15.8 12.0 18.0  
 104 9.1 6.9 10.3

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#28

Fluoranthene

Concen: 0.342 ng

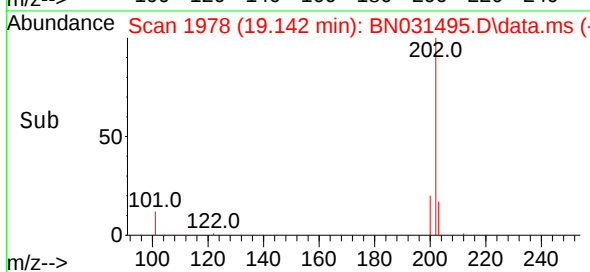
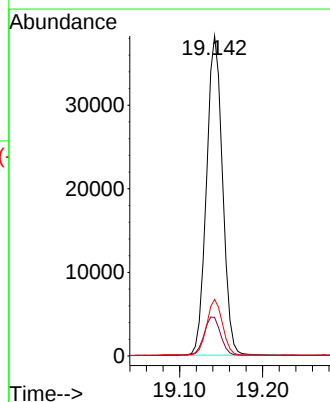
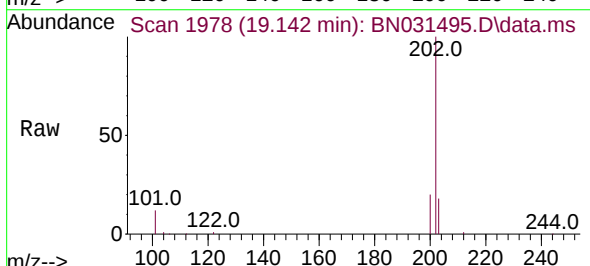
RT: 19.142 min Scan# 1978

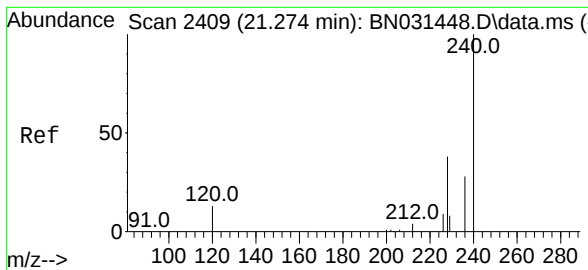
Delta R.T. -0.009 min

Lab File: BN031495.D

Acq: 11 May 2024 12:26

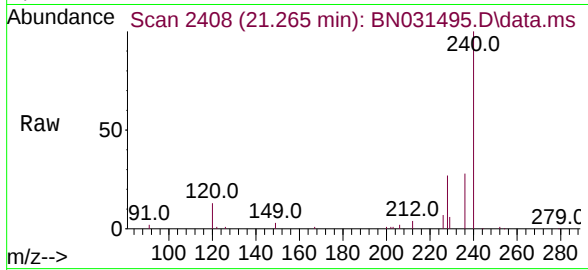
Tgt Ion:202 Resp: 51222  
 Ion Ratio Lower Upper  
 202 100  
 101 12.7 9.8 14.6  
 203 17.2 13.8 20.8





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.265 min Scan# 2408  
Delta R.T. -0.009 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

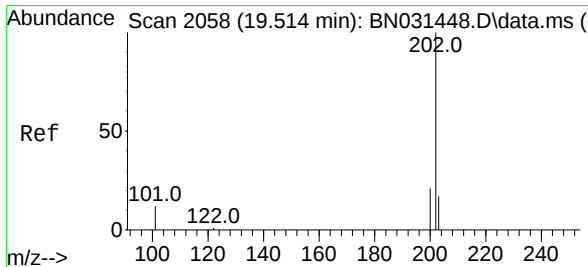
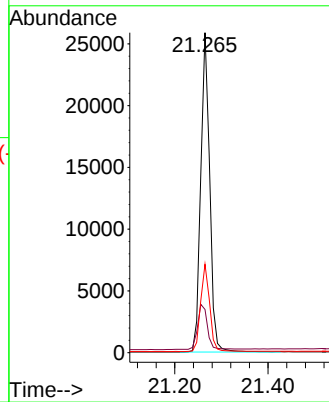
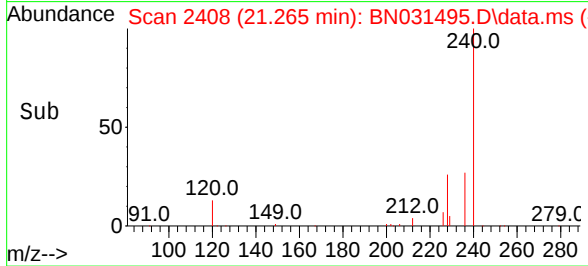
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:240 Resp: 3458  
Ion Ratio Lower Upper  
240 100  
120 13.5 11.4 17.2  
236 27.7 22.2 33.4

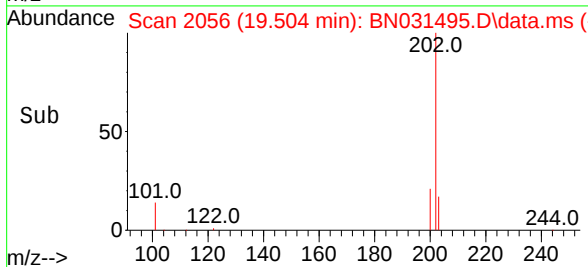
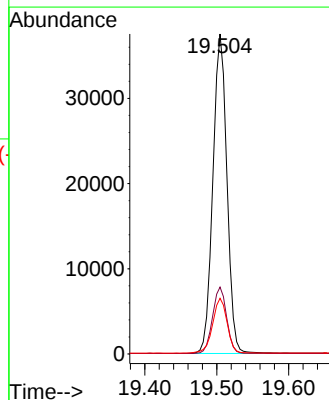
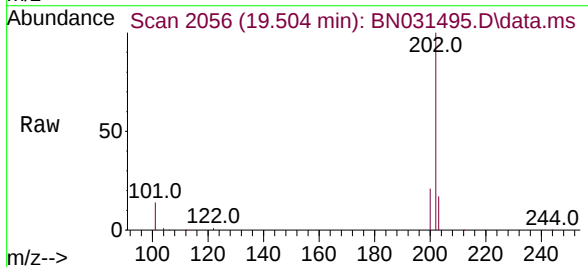
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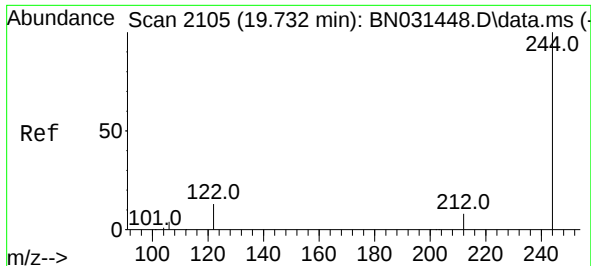
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#30  
Pyrene  
Concen: 0.362 ng  
RT: 19.504 min Scan# 2056  
Delta R.T. -0.009 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion:202 Resp: 50657  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 25.0  
203 17.7 14.3 21.5





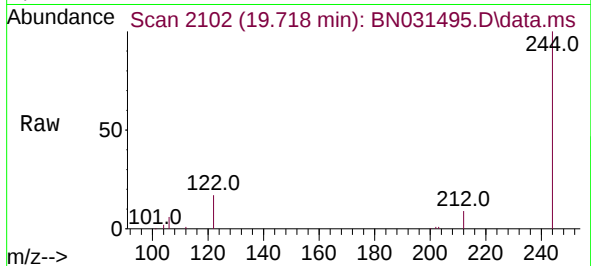
#31  
Terphenyl-d14  
Concen: 0.329 ng  
RT: 19.718 min Scan# 2105  
Delta R.T. -0.014 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



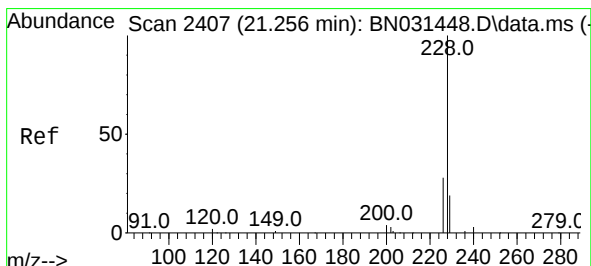
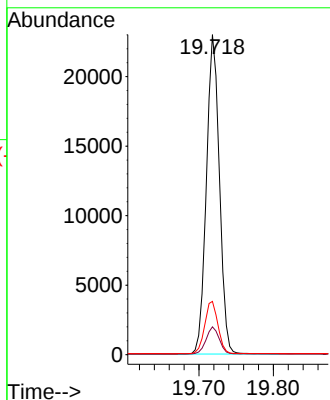
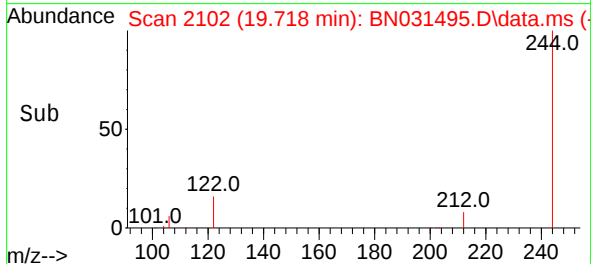
Tgt Ion:244 Resp: 27818  
Ion Ratio Lower Upper  
244 100  
212 8.7 6.5 9.7  
122 16.7 11.4 17.2

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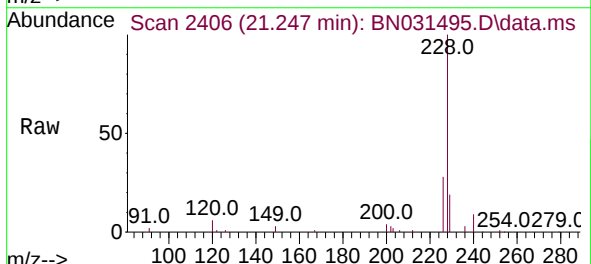
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

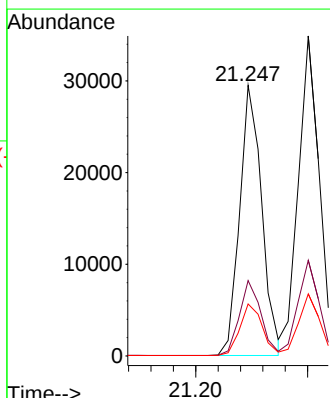
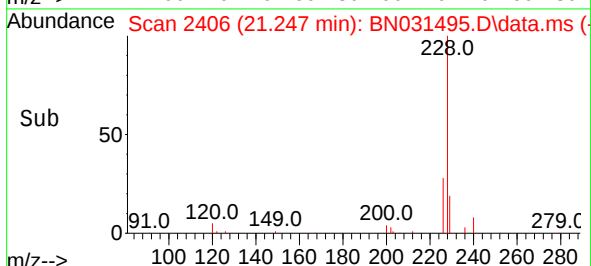
Supervised By :mohammad ahmed 05/13/2024

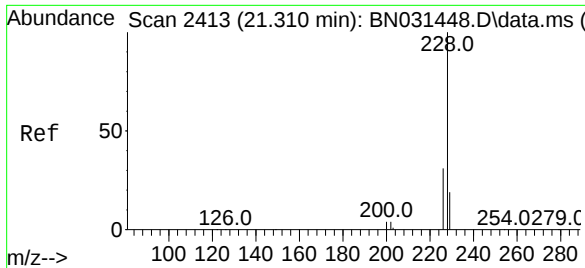


#32  
Benzo(a)anthracene  
Concen: 0.303 ng  
RT: 21.247 min Scan# 2406  
Delta R.T. -0.009 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26



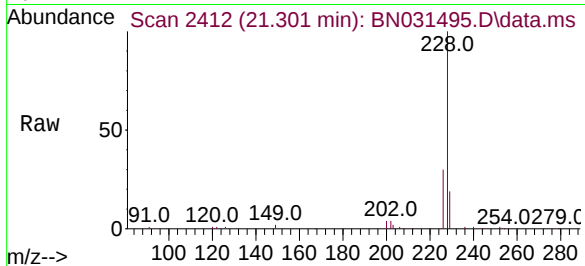
Tgt Ion:228 Resp: 40473  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.4 33.6  
229 19.3 15.5 23.3





#33  
Chrysene  
Concen: 0.358 ng  
RT: 21.301 min Scan# 2413  
Delta R.T. -0.009 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

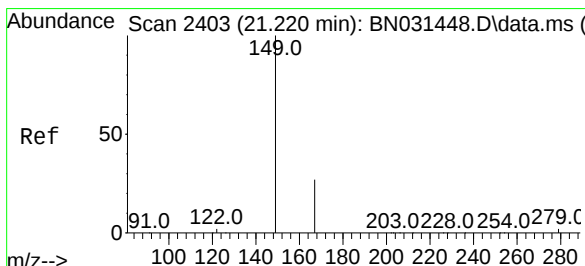
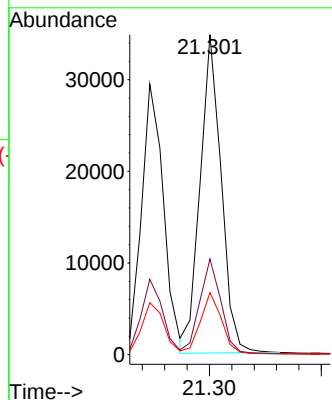
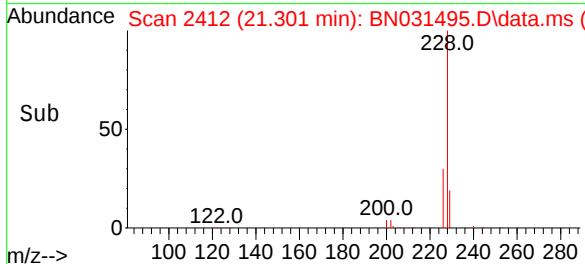
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:228 Resp: 4552  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.5 36.7  
229 19.4 15.8 23.8

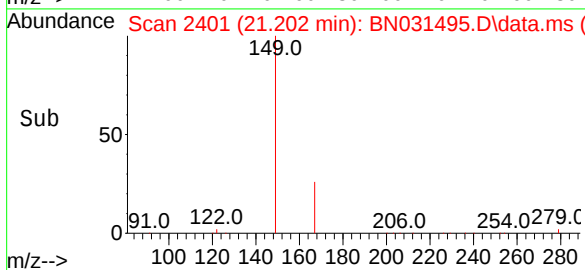
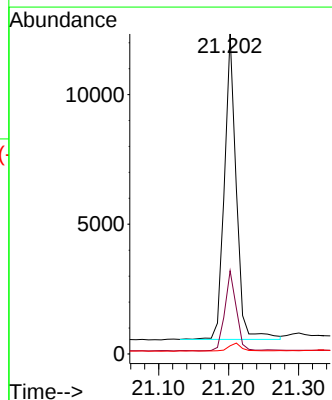
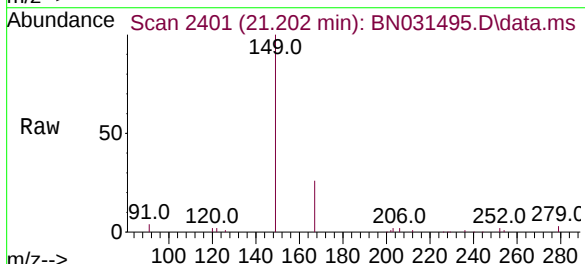
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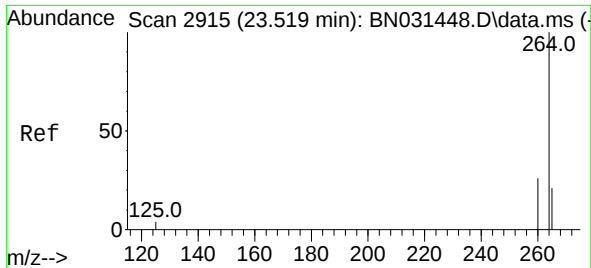
Reviewed By :Yogesh Patel 05/13/2024  
Supervised By :mohammad ahmed 05/13/2024



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.177 ng  
RT: 21.202 min Scan# 2401  
Delta R.T. -0.018 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Tgt Ion:149 Resp: 13830  
Ion Ratio Lower Upper  
149 100  
167 25.3 22.1 33.1  
279 2.8 2.7 4.1





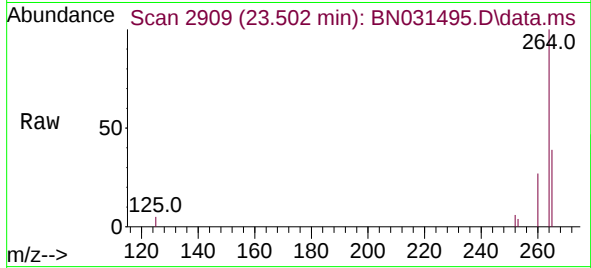
#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.502 min Scan# 2909  
 Delta R.T. -0.018 min  
 Lab File: BN031495.D  
 Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



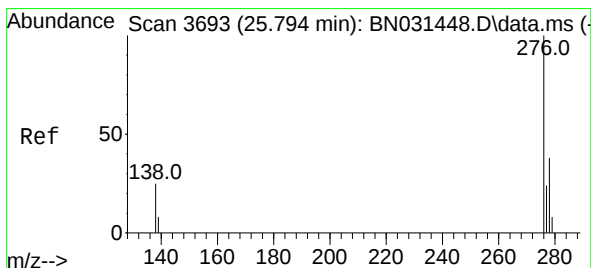
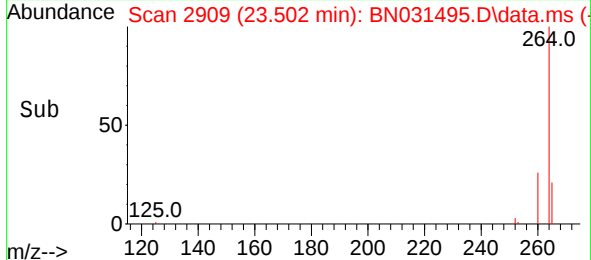
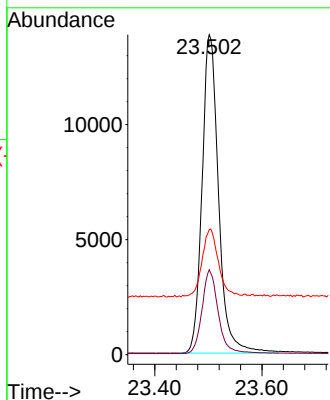
Tgt Ion:264 Resp: 29610  
 Ion Ratio Lower Upper  
 264 100  
 260 26.5 20.6 31.0  
 265 39.0 24.0 36.0

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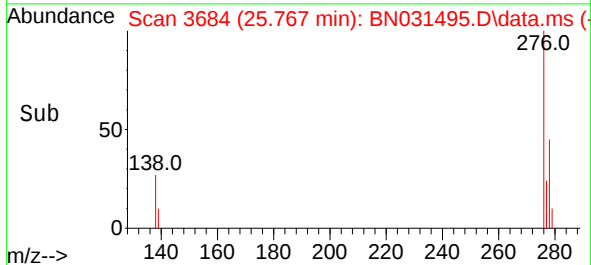
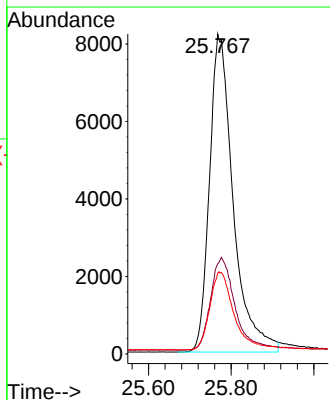
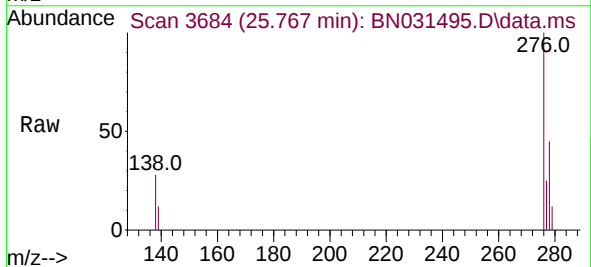
Reviewed By :Yogesh Patel 05/13/2024

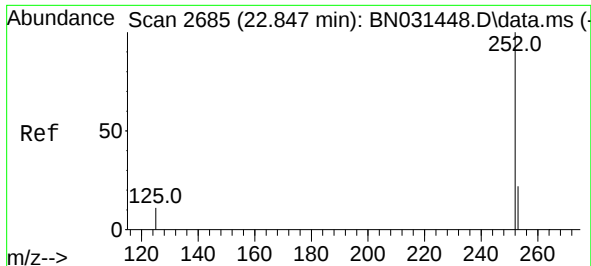
Supervised By :mohammad ahmed 05/13/2024



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.277 ng  
 RT: 25.767 min Scan# 3684  
 Delta R.T. -0.026 min  
 Lab File: BN031495.D  
 Acq: 11 May 2024 12:26

Tgt Ion:276 Resp: 32679  
 Ion Ratio Lower Upper  
 276 100  
 138 30.2 23.0 34.6  
 277 24.7 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.352 ng

RT: 22.832 min Scan# 2695

Delta R.T. -0.015 min

Lab File: BN031495.D

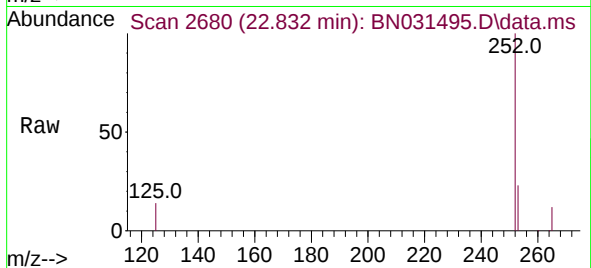
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:252 Resp: 37375

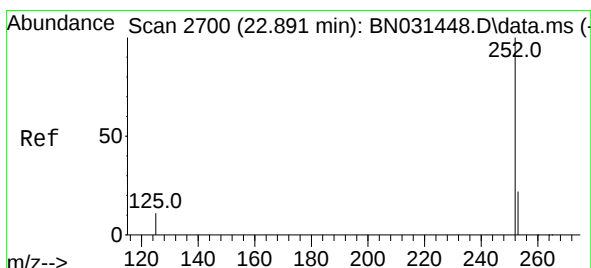
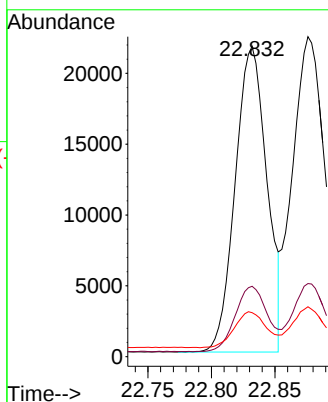
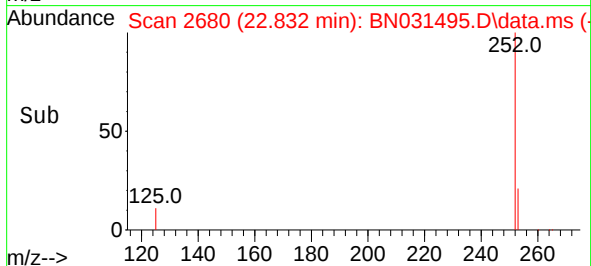
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.7  | 18.2  | 27.4  |
| 125 | 14.2  | 10.5  | 15.7  |

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#38

Benzo(k)fluoranthene

Concen: 0.430 ng m

RT: 22.876 min Scan# 2695

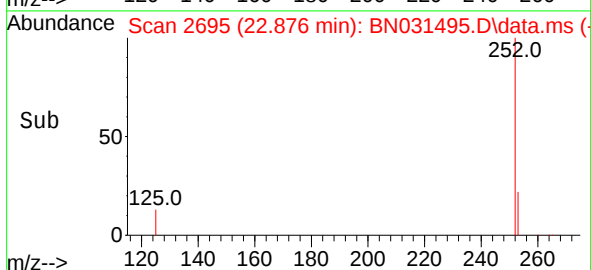
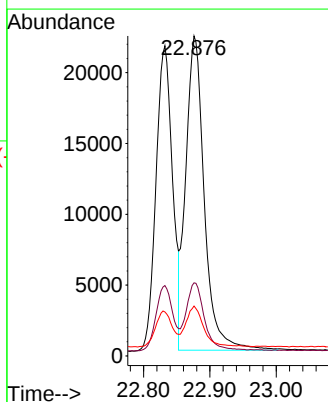
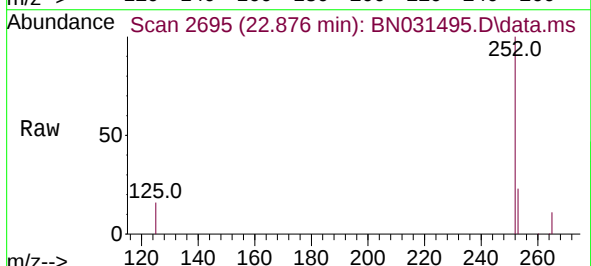
Delta R.T. -0.015 min

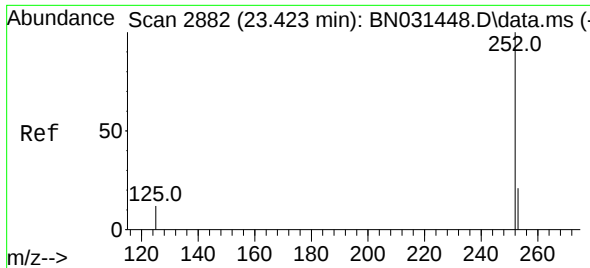
Lab File: BN031495.D

Acq: 11 May 2024 12:26

Tgt Ion:252 Resp: 43231

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.2  | 27.2  |
| 125 | 15.6  | 11.0  | 16.6  |





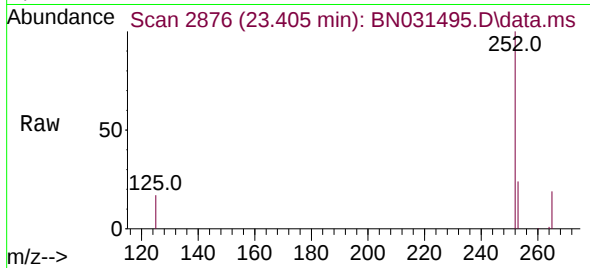
#39  
Benzo(a)pyrene  
Concen: 0.316 ng  
RT: 23.405 min Scan# 2917  
Delta R.T. -0.018 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



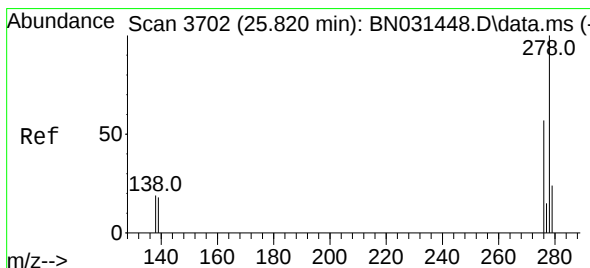
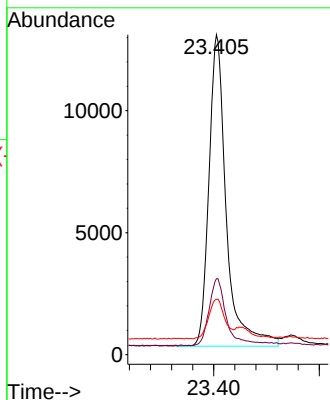
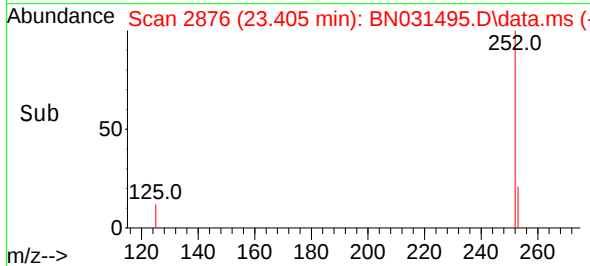
Tgt Ion:252 Resp: 2917  
Ion Ratio Lower Upper  
252 100  
253 23.8 18.2 27.2  
125 17.3 11.9 17.9

Manual Integrations

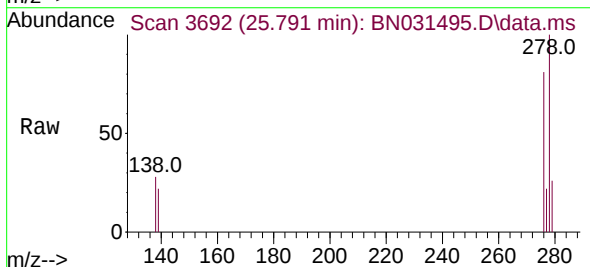
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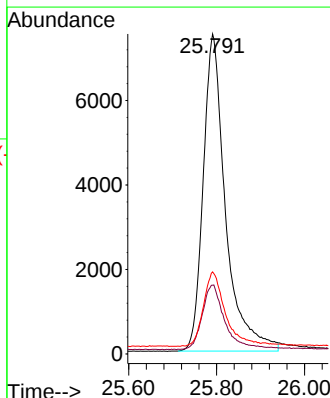
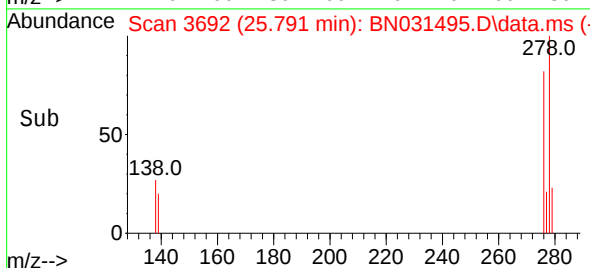
Supervised By :mohammad ahmed 05/13/2024

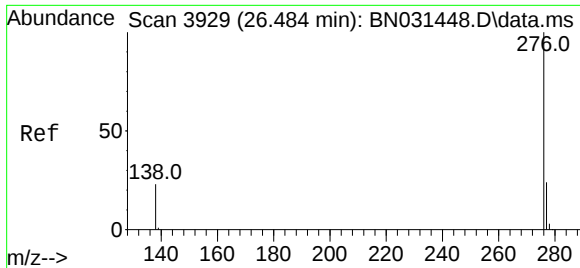


#40  
Dibenzo(a,h)anthracene  
Concen: 0.284 ng  
RT: 25.791 min Scan# 3692  
Delta R.T. -0.029 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26



Tgt Ion:278 Resp: 26531  
Ion Ratio Lower Upper  
278 100  
139 21.5 15.9 23.9  
279 25.7 19.8 29.8





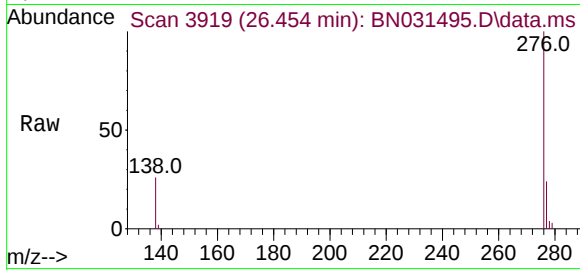
#41  
Benzo(g,h,i)perylene  
Concen: 0.276 ng  
RT: 26.454 min Scan# 3919  
Delta R.T. -0.029 min  
Lab File: BN031495.D  
Acq: 11 May 2024 12:26

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 2777  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.4 29.0  
138 25.9 20.4 30.6

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